

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	6	((phosphorescen\$3) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) same (embed\$4 scatter\$3 dispers\$3 dop\$4 mix\$4 diffus\$3 incorporat\$3 including) same (resin host matrix plastic polymer\$3) same (lens (optical near3 (assembly member element structure mechanism)))	EPO; JPO; DERWENT	OR	ON	2006/11/26 15:23
L3	4	"646830"	EPO; JPO; DERWENT	OR	ON	2006/11/26 15:12
L4	33	(phosphorescen\$3) and polariz\$5	EPO; JPO; DERWENT	OR	ON	2006/11/26 15:37
L5	411	((phosphorescen\$3) same polariz\$5)	US-PGPUB; USPAT	OR	ON	2006/11/26 16:18
L6	273	((phosphorescen\$3) same polariz\$5) not @ad>"20031223"	US-PGPUB; USPAT	OR	ON	2006/11/26 16:20
L8	0	"10321371"	US-PGPUB; USPAT	OR	ON	2006/11/26 15:47
L9	2	"10321371"	EPO; JPO; DERWENT	OR	ON	2006/11/26 15:53
L10	5	"08083688"	EPO; JPO; DERWENT	OR	ON	2006/11/26 16:39
L11	461	(phosphorescen\$3 same (resin polymer\$3 plastic epoxy)) and polariz\$5	US-PGPUB; USPAT	OR	ON	2006/11/26 16:32
L12	386	11 not 5	US-PGPUB; USPAT	OR	ON	2006/11/26 16:20
L13	238	12 not @ad>"20031223"	US-PGPUB; USPAT	OR	ON	2006/11/26 16:21
L14	87	(phosphorescen\$3 same (resin polymer\$3 plastic epoxy) same scatter\$3)	US-PGPUB; USPAT	OR	ON	2006/11/26 17:10
L15	1	"06347617"	EPO; JPO; DERWENT	OR	ON	2006/11/26 16:39
L16	1	"06160842"	EPO; JPO; DERWENT	OR	ON	2006/11/26 17:09
L17	2	"10321371"	EPO; JPO; DERWENT	OR	ON	2006/11/26 17:09
L18	11	(phosphorescen\$3 same (resin polymer\$3 plastic epoxy) same scatter\$3)	EPO; JPO; DERWENT	OR	ON	2006/11/26 17:12

## EAST Search History

L19	50	(luminescen\$3 same (resin polymer\$3 plastic epoxy) same scatter\$3)	EPO; JPO; DERWENT	OR	ON	2006/11/26 17:12
L20	12	("2807737"   "4082978").PN. OR ("5021931").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/26 17:19
S1	116	(optic\$4 near4 (member element structure assembly)) and ((liquid near3 crystal) with (region particle grain material matter particulate structure)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) with (matter material particle particulate structure region)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (liquid near3 crystal) same (diffus\$3 dispers\$4 embed\$4) same (resin matrix plastic polymer\$3))	US-PGPUB; USPAT	OR	ON	2006/11/22 14:25
S2	3	(optic\$4 near4 (member element structure assembly)) and ((liquid near3 crystal) with (region particle grain material matter particulate structure)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) with (matter material particle particulate structure region)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (liquid near3 crystal) same (diffus\$3 dispers\$4 embed\$4) same (resin matrix plastic polymer\$3))	EPO; JPO; DERWENT	OR	ON	2005/11/22 20:38

## EAST Search History

S3	149	(optic\$4 near4 (member element structure assembly)) and ((liquid near3 crystal) with (region particle grain material matter particulate structure)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) with (matter material particle particulate structure region)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (liquid near3 crystal) same (diffus\$3 dispers\$4 incorporat\$3 embed\$4) same (resin matrix plastic polymer\$3))	US-PGPUB; USPAT	OR	ON	2005/11/22 20:39
S4	167	(optic\$4 near4 (member element structure assembly)) and ((liquid near3 crystal) with (region particle grain material matter particulate structure)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) with (matter material particle particulate structure region)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (liquid near3 crystal) same (diffus\$3 dispers\$4 incorporat\$3 mixed mixing including embed\$4) same (resin matrix plastic polymer\$3))	US-PGPUB; USPAT	OR	ON	2005/11/22 20:42

## EAST Search History

S5	211	(optic\$4 near4 (member element structure assembly)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (particle region particulate grain structure matter material) same (liquid near3 crystal) same (diffus\$3 dispers\$4 incorporat\$3 mixed mixing including embed\$4) same (resin matrix plastic polymer\$3))	US-PGPUB; USPAT	OR	ON	2005/11/22 20:48
S6	4	(optic\$4 near4 (member element structure assembly)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (particle region particulate grain structure matter material) same (liquid near3 crystal) same (diffus\$3 dispers\$4 incorporat\$3 mixed mixing including embed\$4) same (resin matrix plastic polymer\$3))	EPO; JPO; DERWENT	OR	ON	2005/11/22 20:44
S7	41	(optic\$4 near4 (member element structure assembly)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) with (particle region particulate grain structure matter material) with (liquid near3 crystal) with (diffus\$3 dispers\$4 incorporat\$3 mixed mixing including embed\$4) with (resin matrix plastic polymer\$3))	US-PGPUB; USPAT	OR	ON	2005/11/22 20:58
S8	976	(optic\$4 near4 (member element structure assembly)) and ((polari\$5 with (element member region structure layer matrix laminat\$3 film)) same (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission))	US-PGPUB; USPAT	OR	ON	2005/11/22 21:00

## EAST Search History

S9	1316	((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) same (embed\$4 scatter\$3 dispers\$3 dop\$4 mix\$4 diffus\$3 incorporat\$3 including) same (resin host matrix plastic polymer\$3) same (lens (optical near3 (assembly member element structure mechanism)))	EPO; JPO; DERWENT	OR	ON	2006/11/26 15:01
S10	39	((((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) same (embed\$4 scatter\$3 dispers\$3 dop\$4 mix\$4 diffus\$3 incorporat\$3 including) same (resin host matrix plastic polymer\$3) same (lens (optical near3 (assembly member element structure mechanism)))) and 313/110-113. ccls.	US-PGPUB; USPAT	OR	ON	2005/11/30 16:47

## EAST Search History

S11	40	(((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) same (embed\$4 scatter\$3 dispers\$3 dop\$4 mix\$4 diffus\$3 incorporat\$3 including) same (resin host matrix medium plastic polymer\$3) same (lens (optical near3 (assembly member element structure mechanism)))) and 313/110-113.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/30 16:48
S12	55	(((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) same (embed\$4 scatter\$3 dispers\$3 dop\$4 mix\$4 diffus\$3 incorporat\$3 including) same (resin host matrix medium plastic polymer\$3) same (lens (light near3 guid\$3) polariz\$5 (optical near3 (assembly member element structure mechanism)))) and 313/110-113.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/30 16:49

## EAST Search History

S13	245	((((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) same (embed\$4 scatter\$3 dispers\$3 dop\$4 mix\$4 diffus\$3 incorporat\$3 including) same (resin host matrix medium plastic polymer\$3) same (lens (light near3 guid\$3) polariz\$5 (optical near3 (assembly member element structure mechanism)))) and "313"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/30 16:49
S14	11	("2807737"   "4082978").PN. OR ("5021931").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 16:54
S15	11	("5583394"   "5700591"   "5813752"   "5847507"   "5925897"   "5959316"   "5998925"   "6069440"   "6345903"   "6466135").PN. OR ("6614170").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 17:18
S16	13	("5096520"   "5394253"   "5796509"   "5831375"   "5928801"   "5932965"   "6034753"   "6101032"   "6218774"   "6507379"   "6590346"   "6606247").PN. OR ("6710541").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 17:22
S17	9616	(optic\$4 near4 (member element structure assembly)) and birefringence	US-PGPUB; USPAT	OR	ON	2006/06/08 20:08
S18	4898	(optic\$4 near4 (member element structure assembly)) and birefringence and (LC.u/c. (liquid near3 crystal))	US-PGPUB; USPAT	OR	ON	2006/06/08 20:09

## EAST Search History

S19	4162	(optic\$4 near4 (member element structure assembly)) and birefringence and (LC.u/c. (liquid near3 crystal)) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)	US-PGPUB; USPAT	OR	ON	2006/06/08 20:10
S20	4162	(optic\$4 near4 (member element structure assembly)) and birefringence and (LC.u/c. (liquid near3 crystal)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate))	US-PGPUB; USPAT	OR	ON	2006/06/08 20:10
S21	1086	(optic\$4 near4 (member element structure assembly)) and birefringence and (LC.u/c. (liquid near3 crystal)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and "359"/\$.cls.	US-PGPUB; USPAT	OR	ON	2006/06/08 20:10



## EAST Search History

S22	581	(optic\$4 near4 (member element structure assembly)) and birefringence and ((LC.u/c. (liquid near3 crystal)) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and "359"/\$.ccls. and (polymer\$3 plastic resin)	US-PGPUB; USPAT	OR	ON	2006/06/08 20:15
S23	581	(optic\$4 near4 (member element structure assembly)) and birefringence and ((LC.u/c. (liquid near3 crystal)) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and "359"/\$.ccls. and (polymer\$3 plastic resin)	US-PGPUB; USPAT	OR	ON	2006/06/08 20:16

## EAST Search History

S24	554	(optic\$4 near4 (member element structure assembly)) and birefringence and ((LC.u/c. (liquid near3 crystal)) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and "359"/\$.ccls. and (polymer\$3 plastic resin) and (polari?ation polari?ed polari?ing)	US-PGPUB; USPAT	OR	ON	2006/06/08 20:18
S25	489	(optic\$4 near4 (member element structure assembly)) and birefringence and ((LC.u/c. (liquid near3 crystal)) with (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and "359"/\$.ccls. and (polymer\$3 plastic resin) and (polari?ation polari?ed polari?ing)	US-PGPUB; USPAT	OR	ON	2006/06/08 20:18

## EAST Search History

S26	439	(optic\$4 near4 (member element structure assembly)) and birefringence and ((LC.u/c. (liquid near3 crystal)) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and "359"/\$.ccls. and (polymer\$3 plastic resin) and (polari?ation polari?ed polari?ing)	US-PGPUB; USPAT	OR	ON	2006/06/08 20:19
S27	470	(optic\$4 near4 (member element structure component assembly)) and birefringence and ((LC.u/c. (liquid near3 crystal)) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)) luminous light) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and "359"/\$.ccls. and (polymer\$3 plastic resin) and (polari?ation polari?ed polari?ing)	US-PGPUB; USPAT	OR	ON	2006/06/08 20:19

## EAST Search History

S28	114	(optic\$4 near4 (member element structure component assembly)) and birefringence and ((LC.u/c. (liquid near3 crystal)) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)))) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and "359"/\$.ccls. and (polymer\$3 plastic resin) and (polari?ation polari?ed polari?ing)	US-PGPUB; USPAT	OR	ON	2006/06/08 20:20
S29	476	(optic\$4 near4 (member element structure component assembly)) and birefringence and ((LC.u/c. (liquid near3 crystal)) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)))) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and (polymer\$3 plastic resin) and (polari?ation polari?ed polari?ing)	US-PGPUB; USPAT	OR	ON	2006/06/08 20:20

## EAST Search History

S30	193	(optic\$4 near4 (member element structure component assembly)) and birefringence and ((LC.u/c. (liquid near3 crystal)) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)))) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((optic\$4 near4 (member element structure component assembly)) with (polymer\$3 plastic resin)) and (polari?ation polari?ed polari?ing)	US-PGPUB; USPAT	OR	ON	2006/06/08 20:21
S31	0	(optic\$4 near4 (member element structure component assembly)) and birefringence and ((LC.u/c. (liquid near3 crystal)) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)))) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((optic\$4 near4 (member element structure component assembly)) with (polymer\$3 plastic resin)) and (polari?ation polari?ed polari?ing)	EPO; JPO; DERWENT	OR	ON	2006/06/08 20:21

## EAST Search History

S32	4	(optic\$4 near4 (member element structure component assembly)) and ((LC.u/c. (liquid near3 crystal)) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)))) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((optic\$4 near4 (member element structure component assembly)) with (polymer\$3 plastic resin)) and (polari?ation polari?ed polari?ing)	EPO; JPO; DERWENT	OR	ON	2006/06/08 20:22
S33	11	(optic\$4 near4 (member element structure component assembly)) and ((LC.u/c. (liquid near3 crystal)) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission)))) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((optic\$4 near4 (member element structure component assembly)) with (polymer\$3 plastic resin))	EPO; JPO; DERWENT	OR	ON	2006/06/08 20:22

## EAST Search History

S34	10	((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission))) near3 (region material matter section element member particle nano\$particle particulate grain granule agglomerat\$3 powder granulate)) and ((optic\$4 near4 (member element structure component assembly)) with (polymer\$3 plastic resin)) and (polari?ation polari?ed polari?ing)	EPO; JPO; DERWENT	OR	ON	2006/06/08 20:25
S35	2	"20040135494" "20040183963"	US-PGPUB; USPAT	OR	ON	2006/06/08 20:29
S36	2	"20020008807".pn. "3960753".pn.	US-PGPUB; USPAT	OR	ON	2006/06/10 19:40
S37	1	"6111696".pn.	US-PGPUB; USPAT	OR	ON	2006/06/08 20:41
S38	1	"20040183963"	US-PGPUB; USPAT	OR	ON	2006/06/10 18:02
S39	2	"20020008807".pn. "3960753".pn.	US-PGPUB; USPAT	OR	ON	2006/06/10 19:40
S40	1	"3960753".pn.	US-PGPUB; USPAT	OR	ON	2006/11/17 18:37
S41	1	"20020008807"	US-PGPUB; USPAT	OR	ON	2006/11/17 19:16
S42	1	"20030226633"	US-PGPUB; USPAT	OR	ON	2006/11/17 19:16

## EAST Search History

S43	342	((liquid near3 crystal) with (region particle grain material matter particulate structure)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) with (matter material particle particulate structure region)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (liquid near3 crystal) same (diffus\$3 dispers\$4 embed\$4) same (resin matrix plastic polymer\$3))	US-PGPUB; USPAT	OR	ON	2006/11/22 14:30
S44	122	((liquid near3 crystal) with (region particle grain material matter particulate structure)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) with (matter material particle particulate structure region)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (liquid near3 crystal) same (mixed mixing suspen\$4 mixture added adding) same (resin matrix plastic polymer\$3))	US-PGPUB; USPAT	OR	ON	2006/11/22 14:31



## EAST Search History

S45	122	(((liquid near3 crystal) LC.u/c.) with (region particle grain material matter particulate structure)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) with (matter material particle particulate structure region)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (liquid near3 crystal) same (mixed mixing suspen\$4 mixture added adding) same (resin matrix plastic polymer\$3))	US-PGPUB; USPAT	OR	ON	2006/11/22 14:31
S46	134	(((liquid near3 crystal) LC.u/c.) with (region particle grain material matter particulate structure)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) with (matter material particle particulate structure region)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (LC.u/c. (liquid near3 crystal)) same (mixed mixing suspen\$4 mixture added adding) same (resin matrix plastic polymer\$3))	US-PGPUB; USPAT	OR	ON	2006/11/22 14:32

## EAST Search History

S47	22	((liquid near3 crystal) LC.u/c.) with (region particle grain material matter particulate structure)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) with (matter material particle particulate structure region)) and ((luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission) same (LC.u/c. (liquid near3 crystal)) same (mixed mixing suspen\$4 mixture added adding) same (resin matrix plastic polymer\$3))	EPO; JPO; DERWENT	OR	ON	2006/11/22 14:40
S48	1	"20020008807"	US-PGPUB; USPAT	OR	ON	2006/11/22 14:37
S49	119	((scatter\$3) with (region particle granule powder grain material matter particulate structure) same ((luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 light\$emissive light\$emitting light\$emission) with (matter material particle particulate structure powder region)) same (matrix resin polymer\$3 plastic epoxy))	EPO; JPO; DERWENT	OR	ON	2006/11/22 15:58
S50	2	"2002289925"	EPO; JPO; DERWENT	OR	ON	2006/11/22 16:00
S51	1	2003-080655.NRAN.	DERWENT	OR	ON	2006/11/22 15:59
S52	3	"2000338311"	EPO; JPO; DERWENT	OR	ON	2006/11/22 16:03
S53	6	"1434283"	EPO; JPO; DERWENT	OR	ON	2006/11/22 16:04
S54	1	"20040183963"	EPO; JPO; DERWENT	OR	ON	2006/11/26 17:08
S55	1	"20040183963"	US-PGPUB; USPAT	OR	ON	2006/11/22 16:05